# Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Larry J. Anderson	10/18/2006
William J. Bellini	12/17/2006
Michael D. Bowen	10/16/2006
Cara Carthel Burns	10/18/2006
Raymond Campagnoli	10/18/2006
Qi Chen	10/18/2006
James A. Comer	12/06/2006
Byron T. Cook	10/23/2006
Shannon L. Emery	11/28/2006
Dean D. Erdman	10/20/2006
Cynthia S. Goldsmith	10/25/2006
Jeanette Guarner	12/08/2006
Charles D. Humphrey	12/06/2006
Joseph P. Icenogle	02/06/2007
Thomas G. Ksiazek	10/16/2006
Richard F. Meyer	05/24/2007
Stephan S. Monroe	10/16/2006
William Allan Nix	10/16/2006
M. Steven Oberste	10/18/2006
Christopher D. Paddock	11/27/2006
Mark Pallansch	10/30/2006
Teresa C.T. Peret	10/20/2006
Pierre E. Rollin	10/16/2006
Paul A. Rota	05/21/2007
Anthony Sanchez	01/16/2007
Wun-Ju Shieh	12/06/2006
Suxiang Tong	01/24/2007
Sherif R. Zaki	11/27/2006

RECEIVING PARTY DATA

PATENT 500305524 REEL: 019495 FRAME: 0236

60465927

CH \$120.

Name:	The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention
Street Address:	2877 Brandywine Road
Internal Address:	Technology Transfer Office, Koger Center-Williams Building
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30341

#### PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	60465927
Application Number:	10822904
Application Number:	11748359

### **CORRESPONDENCE DATA**

Fax Number: (503)595-5301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 503-595-5300

Email: tracy.steindel@klarquist.com
Correspondent Name: Klarquist Sparkman LLP
Address Line 1: One World Trade Center

Address Line 2: 121 SW Salmon Street, Suite 1600 Address Line 4: Portland, OREGON 97204-2988

ATTORNEY DOCKET NUMBER:	6395-67788-02 TMH
NAME OF SUBMITTER:	Tanya M. Harding, Ph.D.

## Total Attachments: 28

source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif
source=Assignment#page7.tif
source=Assignment#page8.tif
source=Assignment#page9.tif
source=Assignment#page10.tif
source=Assignment#page11.tif
source=Assignment#page12.tif
source=Assignment#page13.tif
source=Assignment#page14.tif
source=Assignment#page14.tif
source=Assignment#page15.tif

source=Assignment#page16.tif source=Assignment#page17.tif

PATENT REEL: 019495 FRAME: 0237



PATENT REEL: 019495 FRAME: 0238

#### ASSIGNMENT

We, Larry J. ANDERSON, of 2076 Continental Drive, Atlanta, GA 30345, a citizen of the United States of America, William J. BELLINI, of 810 Windsor Creek Dr., Grayson, GA 30017, a citizen of the United States of America, Michael D. BOWEN, of 2953 Country Squire Lane, Decatur, GA 30033, a citizen of the United States of America, Cara Carthel BURNS, of 3256 Wynn Drive, Avondale Estates, GA 30002, a citizen of the United States of America, Raymond CAMPAGNOLI, of 108 Mockingbird Lane, Decatur, GA 30030, a citizen of the United States of America, Qi CHEN, of 1102 Blackwell Farm Drive, Marietta, GA 30068, a citizen of the United States of America, James A. COMER, of 2727 Hawaii Court, Decatur, GA 30033, a citizen of the United States of America, Byron T. COOK, of 441 Shallowford Circle, Augusta, GA 30907, a citizen of the United States of America, Shannon L. EMERY, of 1788 McLendon Ave NE, Atlanta, GA 30307, a citizen of the United States of America, Dean D. ERDMAN, of 2156 Willivee Place, Decatur, GA 30033, a citizen of the United States of America, Cynthia S. GOLDSMITH, of 1269 Chesapeake Drive, Lilburn, GA 30047, a citizen of the United States of America, Jeannette GUARNER, of 2342 Massey Lane, Decatur, GA 30033, a citizen of the United States of America, Charles D. HUMPHREY, of 435 Bruce Way, Lilburn, GA 30047, a citizen of the United States of America, Joseph P. ICENOGLE, of 428 Princeton Way, Atlanta, GA 30307, a citizen of the United States of America, Thomas G. KSIAZEK, of 1205 Buice Drive, Lilburn, GA 30047, a citizen of the United States of America, Richard F. MEYER, of 120 Haleys Pond Road, Roswell, GA 30075, a citizen of the United States of America, Stephan S. MONROE, of 152 Poplar Circle, Decatur, GA 30030, a citizen of the United States of America, William Allan NIX, of 3695 Wapakonata Trail, Bethlehem, GA 30620, a citizen of the United States of America, M. Steven OBERSTE, of 12350 Magnolia Circle, Alpharetta, GA 30005, a citizen of the United States of America, Christopher D. PADDOCK, of 1091 Briarcliff Place, Atlanta, GA 30306, a citizen of the United States of America, Mark PALLANSCH, of 4749 Mockernut Court, Lilburn, GA 30047, a citizen of the United States of America, Teresa C. T. PERET, of 3078 Clairmont Road, Apt. #833, Atlanta, GA 30329, a citizen of the Brazil, Pierre E. ROLLIN, of 3540 Lester Court, Lilburn, GA 30047, a citizen of the United States of America, Paul A. ROTA, of 613 Webster Drive, Decatur, GA 30033, a citizen of the United States of America, Anthony SANCHEZ, of 1717 Red Fox Run, Lilburn, GA 30047, a citizen of the United States of America, Wun-Ju SHIEH, of 5294 Chaversham Lane, Norcross, GA 30092, a citizen of the United States of America, Suxiang TONG, of 9450 Knollcrest Boulevard, Alpharetta, GA 30022, a citizen of the United States of America, and Sherif R. ZAKI, of 1605 Council Bluff Drive, Atlanta, GA 30345, a citizen of the United States of America, have invented NOVEL CORONAVIRUS ISOLATED FROM HUMANS. This is an Assignment of the following rights, title and interest: (check all that apply):

United States of America rights, title and interest in the invention.
Foreign rights, title and interest in the invention
An application to the Commissioner for Patents of the United States of America filed
herewith.
An application to the Commissioner for Patents of the United States of America has been
executed by the undersigned on:
United States Provisional Patent Application Serial No. 60/465,927 filed on April 25,
<u>2003</u> .

Page 1 of 16

United States Patent Application Serial N	To. <u>10/822,904</u> .	
Date of Execution:	Date of Filing: April 12, 2004	
United States Patent No(s).		
International (PCT Patent Application Se	erial No.	filed on
Other (specify):		- •

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to CDC/The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention (hereinafter THE GOVERNMENT), and successors and assigns, our full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its

Page 2 of 16

discretion these applications on its behalf.

We grant THE GOVERNMENT, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors ha	ve signed their names on the dates indicated.
Dated: 10/14/06	June Underson
STATE OF OLLOTIA	Larry J. ANDERSON
) ss.	
COUNTY OF JUINATEL	
J. ANDERSON, who executed the for	before me personally came the above-named <u>Larry</u> regoing Assignment in my presence, and who nder that person's own free will for the purposes set
Total dicion.	Dellerly Daylor Onlesson
[SEAL]	My commission expires:
	Beverly Taylor Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009
Dated:	
STATE OF	William J. BELLINI
COUNTY OF	
William J. BELLINI, who executed the	6, before me personally came the above-named foregoing Assignment in my presence, and who nder that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:

Page 3 of 16

discretion these applications on its behalf.

We grant THE GOVERNMENT, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated:	- La Marier
STATE OF)	Larry J. ANDERSON
COUNTY OF	J.
J. ANDERSON, who executed th	2006, before me personally came the above-named <u>Larry</u> be foregoing Assignment in my presence, and who uted under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:
Dated: 12/17/06  STATE OF SEORGIA  COUNTY OF Gwinnett	
William J. BELLINI, who executed	2006, before me personally came the above-named d the foregoing Assignment in my presence, and who uted under that person's own free will for the purposes set
	Notary Public for Gwinnett County
[SEAL]	My commission expires:    My commission expires:
	Page 3 of 16  Page 3 of 16  Page 3 of 16

REEL: 019495 FRAME: 0242

**PATENT** 

[SEAL]

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated:	
STATE OF	) Michael D. BOWEN
COUNTY OF	) ss. )
Michael D. BOWEN, who exe	2006, before me personally came the above-named couted the foregoing Assignment in my presence, and who executed under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:
Dated: 10/18/06 STATE OF Georg, S	Cara Carthel Burns
STATE OF Georgis	Cara Carthel BURNS
COUNTY OF Dekoch	) ss. )
	2006, before me personally came the above-named <u>Cara</u> ed the foregoing Assignment in my presence, and who executed under that person's own free will for the purposes set
[SEAL] EORGIA MAY 17, 2010	Notary Public for Delicel Condy  My commission expires: May 17, 20/0

Dated: 10/18/06  STATE OF GLORGO ) ss.  COUNTY OF Glundth	Raymond CAMPAGNOLI
Raymond CAMPAGNOLI, who executed	O06, before me personally came the above-named the foregoing Assignment in my presence, and who under that person's own free will for the purposes set  Octube Oalou  Notary Public for Lawren Campa and
[SEAL]	My commission expires:  Beverly Taylor  Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009
Dated: 10/18/06	a cl
Dated: 10/18/06  STATE OF GLORGIA ) ss.  COUNTY OF Glumett	Qi CHEN
CHEN, who executed the foregoing Assig	one of the personally came the above-named Qi comment in my presence, and who acknowledged to me on free will for the purposes set forth therein.  Notary Public for Qi Qi Qil
[SEAL]	My commission expires:

Beverly Taylor Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009

This \_\_\_\_day of \_\_\_\_\_2006, before me personally came the above-named Byron T. COOK, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for \_\_\_\_\_

[SEAL]

COUNTY OF

My commission expires:

Page 6 of 16

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
	***************************************
Dated:	
STATE OF)	James A. COMER
COUNTY OF	) ss.
A. COMER, who executed the foreg	2006, before me personally came the above-named <u>James</u> soing Assignment in my presence, and who acknowledged to erson's own free will for the purposes set forth therein.
$\frac{\partial u_{ij}}{\partial x_{ij}} = -\frac{\partial u_{ij}}{\partial x_{ij}} = 0$	Notary Public for
[SEAD]	My commission expires:
Dated: Oct. 23, 2006 STATE OF Georgia COUNTY OF Dekalb	ss.
T. COOK, who executed the forego	2006, before me personally came the above-named <u>Byron</u> ing Assignment in my presence, and who acknowledged to erson's own free will for the purposes set forth therein.
Minimu	Notary Public for Dokalb Commy GA
SE MOTAN	My commission expires: Bool 27,2010

**RECEIVED** 

Page 6 of 16

NOV 0 1 2006

CDC - TT0

PATENT REEL: 019495 FRAME: 0247

CDC Tech. ID No. 1-018-03	KS Rel. No. 6393-67/88-01
Dated: 11/28/2006	1/2 5 v
Dated: 11/28/2006 STATE OF Georgia ) ss. COUNTY OF Dokalb	Shannon L. EMERY
Shannon L. EMERY, who executed	2006, before me personally came the above-named the foregoing Assignment in my presence, and who ed under that person's own free will for the purposes set Notary Public for Harriett Conty
[SEAL]	My commission expires: (Dela College 17, 3010)  Ny Comm. Expires October 17, 2010  Gwinnett County, Georgia
Dated:	
STATE OF) ss.	Dean D. ERDMAN
COUNTY OF	
D. ERDMAN, who executed the forego	2006, before me personally came the above-named <u>Dean</u> sing Assignment in my presence, and who acknowledged rson's own free will for the purposes set forth therein.
	Notary Public for

**RECEIVED** 

My commission expires:

NOV 3 0 2006

CDC - TT0

Page 7 of 16

[SEAL]

PATENT REEL: 019495 FRAME: 0248

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated:	_
STATE OF	_) Shannon L. EMERY
COUNTY OF	) ss. _)
Shannon L. EMERY, who exec	2006, before me personally came the above-named cuted the foregoing Assignment in my presence, and who xecuted under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:
Dated: /0/20/2006	Than Sudam
STATE OF Longia	Dean D. ERDMAN
Dated: 10/20/2006  STATE OF Longia  COUNTY OF JELALB	) ss
to me that it was executed under the	2006, before me personally came the above-named <u>Dear</u> foregoing Assignment in my presence, and who acknowledged nat person's own free will for the purposes set forth therein.
WILLIAM BUNG	Notary Public for Wals Courty
[SEAL] EXPIRES GEORGIA MAY 17, 2010	My commission expires: May 17, 2010

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated: 10.25-06	Cyrilia & Toldsmith
STATE OF GEORGIA	Cynthia S. GOLDSMITH
COUNTY OF DEKALD ) ss.	
Cynthia S. GOLDSMITH, who executed	006, before me personally came the above-named the foregoing Assignment in my presence, and who under that person's own free will for the purposes set  Notary Public for CDC FCU  My commission expires: 3-15-09
Dated:	
STATE OF)	Jeannette GUARNER
COUNTY OF) ss.	
<u>Jeannette GUARNER</u> , who executed the	006, before me personally came the above-named ne foregoing Assignment in my presence, and who I under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:

Page 8 of 16

Page 8 of 16

to me that it was executed under that person's own free will for the purposes set forth therein.

P. ICENOGLE, who executed the foregoing Assignment in my presence, and who acknowledged

Notary Public for \_\_\_\_\_

My commission expires:

[SEAL]

OIAB, DIGIOIA, N.P. BARROW COUNTY, GEORGIA MY COMMISSION EXPIRES SEPT. 19, 2007

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
COUNTY OF <u>Dekal</u>	Thomas G. KSIAZEK  74 5747  Defore me personally came the above-named
Thomas G. KSIAZEK, who executed the for acknowledged to me that it was executed under forth therein.	egoing Assignment in my presence, and who
[SEAL] My	commission expires:  Beverty Taylor  Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009
Dated:	
STATE OF) ss.  COUNTY OF)	Richard F. MEYER
Thisday of2006, b	perfore me personally came the above-named going Assignment in my presence, and who

Notary Public for \_\_\_\_\_

[SEAL]

forth therein.

My commission expires:

Page 10 of 16

acknowledged to me that it was executed under that person's own free will for the purposes set

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated:	
STATE OF	Thomas G. KSIAZEK
COUNTY OF) ss.	
Thisday ofThomas G. KSIAZEK, who executed	2006, before me personally came the above-named the foregoing Assignment in my presence, and who d under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:
	·
Dated: My 24, 2007 STATE OF GOVERNORS. COUNTY OF GWINNELL) SS.	Richard F. Meyer
Richard F. MEYER, who executed to	2006, before me personally came the above-named the foregoing Assignment in my presence, and who ed under that person's own free will for the purposes set Notary Public for
[SEAL]	My commission expires:

Beverly Taylor Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009

Dated: /Ø	1/6/06 Cercia	Stephan S. MONROE
	1/6/06 Georgia F Dekalb )ss.	•
Stephan S.	MONROE, who executed ed to me that it was executed	2006, before me personally came the above-named the foregoing Assignment in my presence, and who ed under that person's own free will for the purposes set
GELA BURNING	WILLIA BUSINESS	Notary Public for Delease County
EXPIRES GEORGIA MAY 17, 2010	GEORGIA MAY 17, 20-10	My commission expires: May 17, 20/0
RB COMMINION		
Dated:/6 STATE OF _ COUNTY O	1/6/06 Ceorgia of Ddulb	William Allan NIX
This \( \int \frac{\beta}{\text{Milliam}} \)	day of Ochber len NIX, who executed the to me that it was executed the total transfer of the t	2006, before me personally came the above-named the foregoing Assignment in my presence, and who ad under that person's own free will for the purposes set
[SEAL]	EXPIRES GEORGIA	Notary Public for Dekvels Consty  My commission expires: May 17, 2010
	MAY 17, 2010  CHLICATION  CHLI	

CDC Tech. ID No. I-018-03

[SEAL]

My commission expires:

KS Ref. No. 6395-67788-01

CDC Tech. ID No. 1-018-03		KS Ref. No. 6395-67788-01
		······································
Dated:		
STATE OF		Steven M. OBERSTE
COUNTY OF	) ss. )	
M. OBERSTE, who executed	the foregoing A	before me personally came the above-named <u>Steven</u> Assignment in my presence, and who acknowledged sown free will for the purposes set forth therein.
	į	Notary Public for
[SEAL]		My commission expires:
Dated: 11-27-06		Cladda
Dated: 11-27-06 STATE OF Georgia COUNTY OF Dekalb	) ) ss.	Christopher D. PADDOCK
This <u>17th</u> day of Novement Christopher D. PADDOCK, v	who executed the as executed un	he foregoing Assignment in my presence, and who nder that person's own free will for the purposes set when the purposes set will be a set of the purposes set of the p

[SEAL]

Notary Public for \_\_\_\_\_ My commission expires:

KS Ref. No. 6395-67788-01

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated:	
STATE OF)	Mark PALLANSCH ss.
PALLANSCH, who executed the fore	_2006, before me personally came the above-named Mark egoing Assignment in my presence, and who acknowledged person's own free will for the purposes set forth therein.
	Notary Public for
[SEAL]	My commission expires:
Dated: 10/20/2006	Jewa Vishire Tavenste
Dated: 10/20/2006 STATE OF <u>FeorGia</u> COUNTY OF <u>Jehalb</u>	Teresa C. T. PERET ss.
C. 1. PEREI, who executed the fore	2006, before me personally came the above-named <u>Teresa</u> going Assignment in my presence, and who acknowledged person's own free will for the purposes set forth therein.
[SEAL] EXPIRES GEORGIA	Notary Public for Dekolh Courty  My commission expires: May 17, 7010

Page 13 of 16

CDC Tech. ID No. I-018-03	KS Ref. No. 6395-67788-01
Dated: Oct 16-2006 STATE OF Jongea )s COUNTY OF Dekals	Pierre E. ROLLIN SS. 212- 25-2462
This 16 day of October E. ROLLIN, who executed the foregoing	2006, before me personally came the above-named Pierre ing Assignment in my presence, and who acknowledged to son's own free will for the purposes set forth therein.  Notary Public for Pierre  My commission expires:  Beverly Taylor  Notary Public, Gwinnett County, Georgia My Commission Expires July 21, 2009
Dated:	
STATE OF)	Paul A. ROTA
COUNTY OF) s	S.
A. ROTA, who executed the foregoin	2006, before me personally came the above-named <u>PAUL</u> g Assignment in my presence, and who acknowledged to son's own free will for the purposes set forth therein.

[SEAL]

Notary Public for \_\_\_\_\_

My commission expires:

Dated: 5/2/07	Fal He
STATE OF Georgia	Paul A. ROTA
COUNTY OF Skelb ) ss.	
A. ROTA, who executed the foregoing As	b, before me personally came the above-named <u>PAUL</u> signment in my presence, and who acknowledged to own free will for the purposes set forth therein.
	with the will for the purposes set for merein.
HINGELA BURNING	Notary Public for Jekell Court
[SEAL] EXPIRES	My commission expires: May 17, 76/5
GEORGIA )	, , , , , , , , , , , , , , , , , , , ,
[SEAL] EXPIRES GEORGIA MAY 17, 2010	
PUBLIC AT ALL	
TER COMMIN	

[SEAL]



Page 15 of 16

CDC Tech. ID No. 1-018-03	KS Ref. No. 6395-67788-01
Dated: $0/-24-2007$	- Mixiamtin
STATE OF Georgia ) ss COUNTY OF Folton	Suxiang TONG s.
Suxiang TONG, who executed the	2006, before me personally came the above-named of foregoing Assignment in my presence, and who ted under that person's own free will for the purposes set Notary Public for Garagett Caraly
[SEAL]	My commission expires: (Cet 17, 2010)  Bly Comm. Expires Octobe: Guinnelt County, Georgia
Dated:	
STATE OF) ss	Sherif R. ZAKI
COUNTY OF	
R. ZAKI, who executed the foregoing A	2006, before me personally came the above-named Sherif Assignment in my presence, and who acknowledged to me own free will for the purposes set forth therein.
	Notary Public for
[SEAL]	My commission expires:

PATENT REEL: 019495 FRAME: 0265

CDC Tech. ID No. 1-018-03	KS Ref. No. 6395-67788-01
D-4- J.	······································
Dated:	Service - TONG
STATE OF) s	Suxiang TONG s.
COUNTY OF	
Suxiang TONG, who executed the	2006, before me personally came the above-named e foregoing Assignment in my presence, and who need under that person's own free will for the purposes set
	Notary Public for
[SEAL]	My commission expires:
Dated: 1// 27/06	Theri K. John, &
STATE OF GEOVER	Sherif R. ZAKI
Dated: 11/27/06 STATE OF Geogra )s COUNTY OF Dekalb.	S. S
This 27th day of November R. ZAKI, who executed the foregoing	Assignment in my presence, and who acknowledged to me sown free will for the purposes set forth therein.  Notary Public for

Page 16 of 16